

EMISSIONS SUMMARY REPORT

Vehicle ID: **X4XXX7698 / 031M303** Test ID: **X4XXX7698_SC032X020720052901 / 1111015294**
 Test Req: **082012200618-7** Location: **CHRYSLER TECH CENTER**
 Test Type: **SC03(2X)** Facility: **Test Cell 7** Start Time: **05/29/2020 13:00:41**
 Requestor: **REDACTED** Shift Sched.: **AUTO** Trace End: **05/29/2020 13:30:30**
 Driver: **REDACTED** Option(s): **Tailpipe modal & Bag** Inertia Weight: (lbs) **5500**
 Operator: **REDACTED** Fuel Type: **MS10756** Road Load Coeff A: **25.32**
 Start Odometer: **117087** Fuel Anal.#: **10762** Road Load Coeff B: **.1354**
 AutoLoad File: **None** INCA Project File: **None** Road Load Coeff C: **0.02836**
 Cell Temp Set Pt: **95** Altitude Set Pt(ft.): **930** Hum. Set Pt (Grains): **100.00**
 Test Segment: **3/3** Vehicle Desc.: **0.00 GRAND CHERBROWN** Emissions Standard: **EPA**
 Test Req. Purpose: **X4XXX7698 – Consent Decree – Tailpipe Emissions**
 Seq. Purpose: **SC03 – My 14 WK – Consent Decree Tailpipe**

Individual Cycles:(Grams/Mile)		Tailpipe:										
	HC	NMHC	CH4	CO	NOX	CO2	NO	NO2	ExVol	MPG	DM	Miles
Cycle1	.2340	.0702	.1713	.0268	.0028	4163.7	.0000	.0000	7.6	2.4433		.005
Cycle2	.0918	.0227	.0763	.0458	.0992	520.4	.1010	.0118	132.3	19.5550		.990
Cycle3	.0486	.0117	.0474	.0002	.0631	505.1	.0615	.0081	57.4	20.1439		.395
Cycle4	.0375	.0086	.0356	.0045	.0155	499.1	.0144	.0021	93.5	20.3876		.752
Cycle5	.0115	.0029	.0108	.0011	.0004	359.2	.0001	.0000	135.2	28.3422		1.208
Cycle6	.0105	.0017	.0137	.0001	.0003	546.1	.0000	.0000	47.0	18.6360		.235

Modal Test Results:(Grams)

Phase: 1

IDLE	.0034	.0007	.0032	.0002	.0002	93.7	.0000	.0000	33.8	108.2425		0
ACCEL	.1160	.0293	.0965	.0483	.1242	1114.5	.1276	.0140	245.5	9.1308		0
CRUISE	.0028	.0005	.0033	.0001	.0003	156.9	.0003	.0000	53.3	64.8102		0
DECEL	.0336	.0073	.0351	.0018	.0107	307.0	.0073	.0025	140.3	33.1344		0
CRANK	.0000	.0000	.0000	.0000	.0000	.1	.0000	.0000	.1			0
TOTAL	.1557	.0378	.1381	.0503	.1354	1672.2	.1352	.0165	473.0			0

Phase: 1 Equivalent Mass Results: (Grams/Mile)

	.0434	.0105	.0385	.0140	.0378	466.4	.0377	.0046	473.0	21.8294	0	3.585
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CVS Mass Results: (Grams/Mile)

	HC	CO	NOX	NMHC	CO2	CH4	NMHC+NOX	NMOG+NOX	HFID	Vol.MPG
Phase: 1	.04483	.01707	.03570	.01248	456.474	.04157	.0482	.04818	0.05135	22.3060

Drive Metrics:

CSI	RMS
4.329	.281

Emission Summary Report

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SAE Drive Metrics:

	CED (J)	CET (J)	ER	DistD (M)	DistT (M)	DistR	EER	ASCR	IWR	RMSSE (MPH)
Phase: 1	4,665,330	4,592,500	1.586	5,770.4	5,760.9	0.166	1.397	1.471	1.877	0.4743

Test Validation: Valid: Invalid: Retest: Accept: NIC: system Date: 05/29/2020 13:43:29

Validator's Comments:

Test Options:

Option	Description
DHFID Hangup value	.010
Gain	.650
Initial Solar Intensity (in KW/Square meter)	.814
Constant Grade	.000
Diesel Regeneration Required	0
Average Solar Intensity (in KW/Square meter)	.849
Background Particles	.000
Background Particles for PN	.000
MINI DILUTER T/P DILUTION RATIO	9.290
Tailpipe Methane Response Factor	1.056
Bag Methane Response Factor	1.081
DHFID Methane Response Factor	1.113
Solar Intensity (in percent)	100.000
Soak Duration(Hrs)	23
Threshold	350
CVS K Coeff	539.114
Trace Start Method	Crank (Pendant)
Charging Type	CS
Pre Test Vehicle Temperature	Hot
Actual Driver	Human
Solar Profile Name	JA_850
CVS Venturi Selection	Medium
DynoGrade Type	None
Special Test Qualifications	None
OBD II Monitor	None Requested
Abort test on dead battery	Y
Abort Test on INCA Failure	Y

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Test Options

Emission Summary Report

Augmented Braking	Y
Diesel Test	Y
Hybrid Test	Y
Inca Requirement	Y
Mule Vehicle to Park	Y
Road (Var.) Speed Fan required	Y
Rolls Requirement	Y
SAE Calculations Required	Y
Solar Required	Y
Weighted Dilution factor	25.300

Sequence Purpose

SC03 – My 14 WK – Consent Decree Tailpipe

Req Spcl Inst

With the vehicle on, close all windows 1) For automatic systems press the Auto button and set temp to 72F(22 C). ** a) Do not depress any other buttons on HVAC 2) For Manual systems ** a) Turn AC on ** b) Set AC max ** c) Set system to recirculate ** d) Set fan speed to highest setting ** e) Set temperature to coldest setting

Connect DCAN Cable – Automatically setting ROLLS MODE!

Shift Comments

D| Dual Exhaust

Sampling Type List

None -- None -- DCVS , Diesel Tailpipe / Particulates – Single

Test Request Purpose

X4XXX7698 – Consent Decree – Tailpipe Emissions

Informational Report Comments

TestCell Changes : Engine Interrogator got changed from INCA to NONE

TestCell Changes : IncaProject file got changed from 14WK30_r1.exp/**REDACTED** to NONE

SolInit – Solar simulator is in manual mode. Please place in remote mode.

SolStop – Do you want to keep the solar lights on?

The results in this report relate only to this specific test.